CIVIL TECH LABS

Accredited by **NABL** as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Bytarayanapura Sub Division,
BBMP, Bangalore.

05th July 2014

Dear Sir,

Sub: Testing of Wet Mix Macadam.

As requested, tests on physical properties were carried out for the Wet Mix Macadam samples supplied by you, for the work of **'Improvements to road and drain at Ayyappa layout in ward no 06. Dasarahalli Village limits**

Please find the enclosed Test Report of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

CIVIL TECH LABS

TEST ON WMM MIX

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Project	Improvements to road and drain at Ayyappa layout in ward no 06. Dasarahalli Village limits.
Agency	M/s. K. R. I. D. L.
Date of Testing	05/07/2014
Reference	**MORTH Table 400-11**

IS Sieve Designation (mm)	% By Weight Passing IS Sieve	Actual % By Weight Passing IS Sieve	Remarks
53	100	100	**Satisfies Requirements**
45	95-100	98.2	
22.4	60-80	74.3	
11.2	40-60	51.9	
4.75	25-40	32.4	
2.36	15-30	22.8	
0.6	8-22	17.6	
0.075	0-8	6.1	

Note:

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3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the client.

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5, I Floor I Cross
Srinivasa Colony, Misssion Road
BANGALORE - 560 027

Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

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T-2654

To,

Assistant Executive Engineer
Bytarayanapura Sub Division,
BBMP, Bangalore.

16th July 2014

Dear Sir,

Sub: Testing of Semi Dense Bituminous concrete.

As requested, tests on physical properties were carried out for the Semi Dense Bituminous concrete samples supplied by you, for the work of **'Improvements to road and drain at Ayyappa layout in ward no 06. Dasarahalli Village limits'.**

Please find the enclosed Test Report of the above.

Thanking You,
For Civil Tech Labs

Khushboo

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

CIVIL TECH LABS

Bitumen Content Determination on SDBC Mix-Grade 2

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Name of the Work	Improvements to road and drain at Ayyappa layout in ward no 06. Dasarahalli Village limits.
Agency Name	M/s. K. R. I. D. L.
Date of Testing	15/07/2014

Specification : As Per MORTH (4th Revision) Table 500-15
Minimum Bitumen Content SDBC/Grade-2 is 5 %

Sl.no	Description	Sample-1	Sample-2
1	Weight of mixture before test, g	1000	1000
2	Weight of mixture after test, g	943	945
3	Weight of bitumen extracted, g	57	55
4	Bitumen content in %	5.70	5.50
5	Average Bitumen content in %	5.60	
Remarks	**Satisfactory**		

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5, I Floor I Cross
Srinivasa Colony, Misssion Road
BANGALORE - 560 027

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Civil Tech Labs

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CIVIL TECH LABS

TEST ON SDBC MIX GRADE - 2

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Project	Improvements to road and drain at Ayyappa layout in ward no 06. Dasarahalli Village limits.
Agency	M/s. K. R. I. D. L.
Date of Testing	15/07/2014
Reference	**MORTH Table 500-15. SDBC Grade-2**

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
13.2	100	100	**Satisfies Requirements**
9.5	90-100	98.8	
4.75	35-51	46.1	
2.36	24-39	34.1	
1.18	15-30	23.5	
0.3	9-19	15.1	
0.075	3-8	6.4	

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CIVIL TECH LABS

TEST ON SDBC MIX GRADE - 2

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Project	Improvements to road and drain at Ayyappa layout in ward no 06. Dasarahalli Village limits.
Agency	M/s. K. R. I. D. L.
Date of Testing	15/07/2014
Reference	**MORTH Table 500-15. SDBC Grade-2**

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
13.2	100	100	**Satisfies Requirements**
9.5	90-100	98.3	
4.75	35-51	48.1	
2.36	24-39	33.6	
1.18	15-30	22.9	
0.3	9-19	15.4	
0.075	3-8	6.9	

Note:

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